

Morbidity and Mortality

Weekly
Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER 634-5131

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ATLANTA 22, GEORGIA

Vol. 12, No. 10

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED MARCH 9, 1963

INFLUENZA - The number of States reporting one or more outbreaks of influenza-like disease this week remains at 34. Influenza A₂ virus has been isolated or confirmed by serologic titer rise as the causative agent of one or more outbreaks in the District of Columbia and 21 States. States reporting confirmed outbreaks for the first time this week are Louisiana, Missouri, Pennsylvania, and West Virginia. The outbreaks reported last week in Arizona have shown some tendency to spread with increased incidence of febrile respiratory disease now reported from Pima County. The localized outbreak in Montana has, as yet, shown little tendency to become more widespread. The remainder of the Mountain and the West Coast States

continue to report no more than the usual seasonal incidence of acute respiratory disease. No type B outbreaks have been reported this season.

The number of pneumonia-influenza deaths reported weekly for 108 cities has remained above the epidemic threshold since the week ending January 12, and this week demonstrates a further rise.

The following reports are from areas of the country currently experiencing new or widening outbreaks of influenza-like disease.

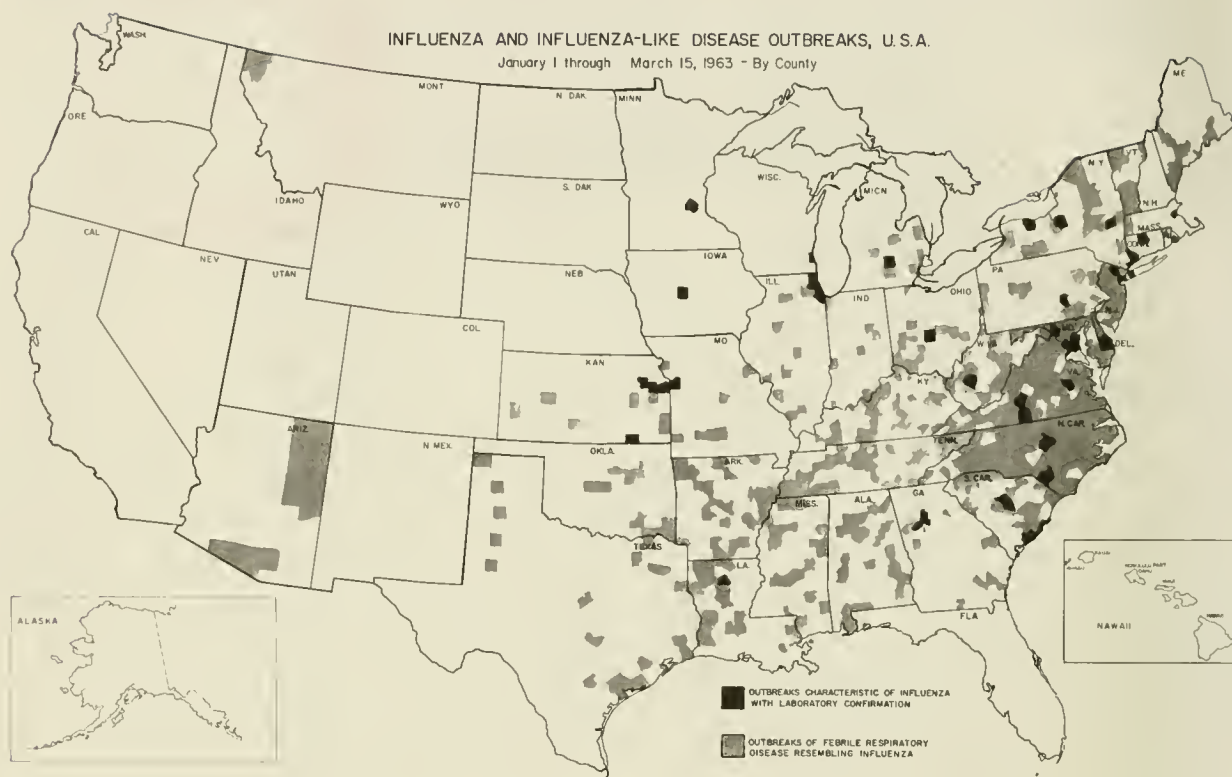
Arizona - In addition to the outbreaks of influenza-like illness reported from Apache and Navajo Counties in last week's MMWR (Vol. 12, No. 9), a mild outbreak of

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous week)

Disease	10th Week			Cumulative		
	Ended March 9, 1963	Ended March 10, 1962	Median 1958 - 1962	First 10 weeks		
				1963	1962	Median 1958 - 1962
Aseptic meningitis.....	19	15	---	229	163	---
Brucellosis	5	4	14	56	59	120
Diphtheria	8	4	16	64	110	176
Encephalitis, infectious.....	20	29	24	199	264	231
Hepatitis, infectious and serum...	992	1,265	734	11,123	14,364	7,146
Measles.....	13,875	16,502	16,502	100,908	112,251	112,251
Meningococcal infections.....	49	45	56	558	520	544
Poliomyelitis, total.....	2	2	14	31	66	181
Paralytic.....	2	2	13	28	40	104
Nonparalytic.....	-	-	1	2	12	55
Unspecified.....	-	-	-	1	14	22
Streptococcal sore throat and Scarlet fever	10,942	9,352	---	97,838	86,998	---
Tetanus	2	3	---	33	27	---
Tularemia	-	4	---	44	50	---
Typhoid fever.....	13	16	9	59	82	93
Typhus fever, tick-borne, (Rocky Mountain spotted).....	-	-	---	-	3	---
Rabies in Animals.....	83	79	79	606	668	790

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax:	Cum. 1	Psittacosis:	Cum. 16
Botulism:	2	Rabies in Man:	-
Malaria:	20	Smallpox:	-
Plague:	-	Typhus, murine:	2



similar illness has now occurred in Tucson (Pima County). The outbreak was first recognized during the week of March 4. Laboratory studies are presently under way. (Reported by Lloyd N. Farner, M.D., Commissioner of Public Health, Arizona State Department of Health).

Louisiana - Five virus isolates, identified as type A₂ influenza, have been obtained from patients in Jackson Parish in the northern part of the State. An additional single isolate has been reported from New Orleans. In all, a total of 21 of the State's 64 parishes reported outbreaks last week. These appeared to be clustered in the northwest and central parts of the State, with only a few southeastern parishes involved. The epidemic appears to have reached its peak in most areas and is declining in Beauregard and Jackson Parishes.

(Reported by John M. Bruce, M.D., Chief, Section of Epidemiology, Louisiana State Board of Health).

Maine - Outbreaks of influenza-like illness were reported from six counties during the week ending March 9, most of these coming from the southern part of the State. School closings were noted in two neighboring communities in York County, and one large parochial school in the city of Lewiston has been closed because of a flu-like syndrome. The illness is characterized clinically by fever, chills, myalgia and cough. Laboratory confirmation is not available as yet.

(Reported by Dr. Dean H. Fisher, Director, Communicable Disease Control, Bureau of Health, Maine State Department of Health and Welfare).

Missouri - Influenza A₂ virus has been recovered from two cases seen during the recent outbreak at a military base in Jackson County (MMWR, Vol. 12, No. 8). A virus isolate was obtained in a third case but has not as yet been identified.

New outbreaks of influenza-like illness were reported from several communities in Webster County during the past week. Epidemic respiratory disease seemed to be waning for the State as a whole, however.

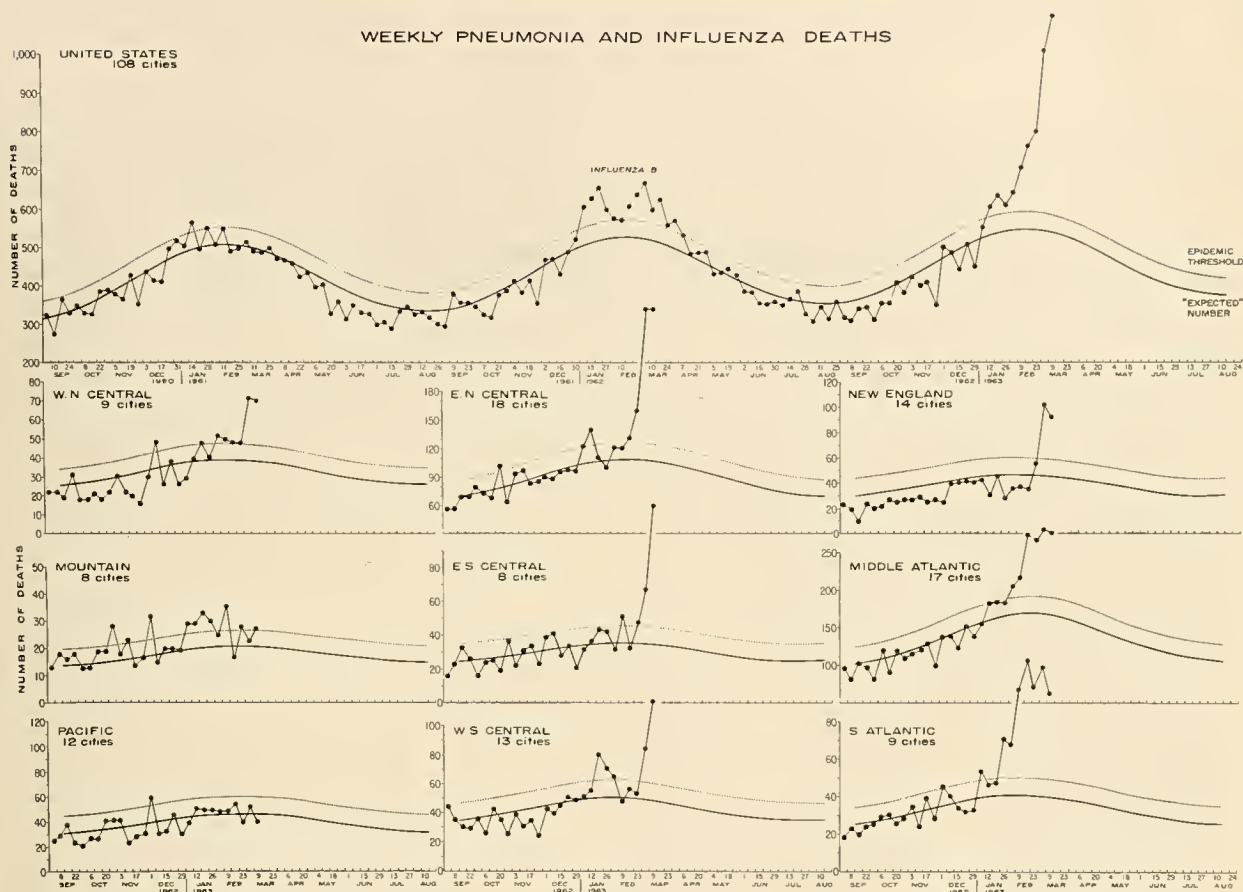
(Reported by E. A. Belden, M.D., Communicable Disease Consultant, Missouri Department of Health).

Pennsylvania - Outbreaks of influenza-like illness were reported during the past week, from nine counties, representing most geographic regions of the State. Excessive school absenteeism, ranging from 15% to 40% was observed in several of these areas. One industrial population in Lancaster County reported 12% absenteeism during the week ending March 2. Influenza A₂ virus has been recovered from two cases in a recent outbreak among patients at a large State hospital in Dauphin County. An overall attack rate of approximately 10% has been reported from this population in which influenza vaccine was administered on a voluntary basis last fall.

(Reported by W. D. Schrack, Jr., M.D., Director, Division of Communicable Disease Control, Pennsylvania Department of Health).

Texas - Approximately 14,000 cases of influenza-like illness were reported for the week ending March 9 as com-

(Continued on page 84)



Pneumonia-influenza mortality – For the week ending March 9, excess pneumonia-influenza deaths showed an upward trend, 564 excess deaths as compared with 507 last week. This was due to the marked increases reported by the East South Central and West South Central States. In all other divisions, the number of excess pneumonia-influenza deaths were the same as last week or were on the decline.

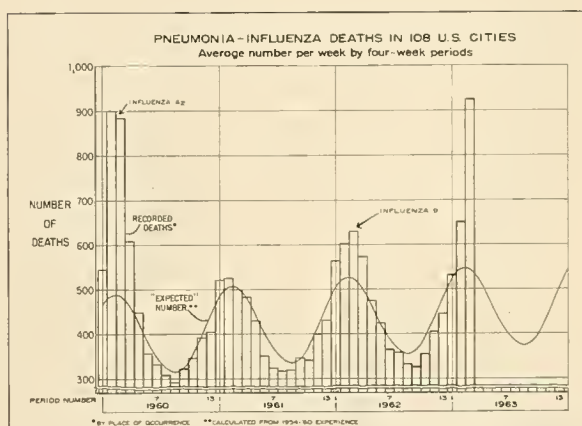
Along the eastern seaboard, the New England, Middle Atlantic and South Atlantic States, the numbers reported this week were less than last week. In the upper tier of States, the West North Central and East North Central States, the excess pneumonia-influenza deaths were the same as last week. The Mountain States reported only a slight increase, and the Pacific States, still unaffected by the epidemic, reported somewhat less than the expected level.

Cumulative excess pneumonia-influenza mortality since the week ending January 5th has now reached 2,049 deaths. Corresponding numbers for the 1960 influenza A₂ epidemic and the 1960 influenza B epidemic were 3,595 and 942 deaths, respectively.

PNEUMONIA-INFLUENZA DEATHS IN 108 CITIES

	WEEK ENDING				4 Week Total	Weekly Average
	2/16	2/23	3/2	3/9		
Observed	759	794	1,049	1,102	3,704	926
Expected	547	545	542	538	2,172	543
Excess	212	249	507	564	1,532	383

Total deaths – The number of total deaths reported for all causes for the past week was 14,625 an excess of 2,594 above the expected number. For the preceding week (week ending March 2), comparable figures were 14,930 total deaths and 2,889 excess deaths. Since the week ending January 5, excess deaths from all causes have reached a total of 12,436. During comparable periods of the 1960 and 1962 epidemics, totals of 12,456 and 5,052, respectively, were recorded.



(See table, page 83)

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED

MARCH 9, 1963 AND MARCH 10, 1962

Area	Poliomyelitis, total cases				Poliomyelitis, paralytic				Poliomyelitis, nonparalytic		Aseptic Meningitis	
	10th week		Cumulative First 10 weeks		10th week		Cumulative First 10 weeks		10th week		10th week	
	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962
UNITED STATES.....	2	2	31	66	2	2	28	40	-	-	19	15
NEW ENGLAND.....	-	-	-	-	-	-	-	-	-	-	-	-
Maine.....	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	-	-	5	27	-	-	5	14	-	-	3	1
New York.....	-	-	4	27	-	-	4	14	-	-	3	-
New Jersey.....	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania.....	-	-	1	-	-	-	1	-	-	-	-	1
EAST NORTH CENTRAL.....	1	-	8	6	1	-	7	4	-	-	1	2
Ohio.....	-	-	2	3	-	-	1	3	-	-	-	-
Indiana.....	-	-	-	1	-	-	-	1	-	-	-	-
Illinois.....	-	-	4	2	-	-	4	-	-	-	-	2
Michigan.....	1	-	2	-	1	-	2	-	-	-	1	-
Wisconsin.....	-	-	-	-	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL.....	-	-	1	4	-	-	1	1	-	-	1	-
Minnesota.....	-	-	-	-	-	-	-	-	-	-	-	-
Iowa.....	-	-	-	2	-	-	-	1	-	-	-	-
Missouri.....	-	-	1	2	-	-	1	-	-	-	-	-
North Dakota.....	-	-	-	-	-	-	-	-	-	-	1	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	-	-	-	-
Kansas.....	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	-	1	2	6	-	1	2	5	-	-	4	3
Delaware.....	-	-	-	-	-	-	-	-	-	-	4	-
Maryland.....	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia..	-	-	-	1	-	-	-	-	-	-	-	-
Virginia.....	-	-	-	1	-	-	-	1	-	-	-	-
West Virginia.....	-	-	-	-	-	-	-	-	-	-	-	1
North Carolina.....	-	-	2	1	-	-	2	1	-	-	-	-
South Carolina.....	-	-	-	-	-	-	-	-	-	-	-	-
Georgia.....	-	1	-	1	-	1	-	1	-	-	-	-
Florida.....	-	-	-	2	-	-	-	2	-	-	-	2
EAST SOUTH CENTRAL.....	-	-	1	2	-	-	-	1	-	-	3	4
Kentucky.....	-	-	-	-	-	-	-	-	-	-	-	4
Tennessee.....	-	-	-	1	-	-	-	-	-	-	1	-
Alabama.....	-	-	1	1	-	-	-	1	-	-	2	-
Mississippi.....	-	-	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL.....	-	-	9	11	-	-	9	8	-	-	-	-
Arkansas.....	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana.....	-	-	8	3	-	-	8	3	-	-	-	-
Oklahoma.....	-	-	-	-	-	-	-	-	-	-	-	-
Texas.....	-	-	1	8	-	-	1	5	-	-	-	-
MOUNTAIN.....	-	-	-	5	-	-	-	4	-	-	3	3
Montana.....	-	-	-	2	-	-	-	1	-	-	1	-
Idaho.....	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	-	-	-	-	-	-	-	-	-	-	2	3
New Mexico.....	-	-	-	-	-	-	-	-	-	-	-	-
Arizona.....	-	-	-	2	-	-	-	2	-	-	-	-
Utah.....	-	-	-	1	-	-	-	1	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	1	1	5	5	1	1	4	3	-	-	4	2
Washington.....	-	-	-	-	-	-	-	-	-	-	-	-
Oregon.....	-	-	1	-	-	-	1	-	-	-	-	-
California.....	1	1	4	5	1	1	3	3	-	-	4	2
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico.....	-	1	-	1	-	1	-	1	-	-	-	-

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED

MARCH 9, 1963 AND MARCH 10, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, infectious		Hepatitis, infectious and serum				Measles	
	10th week	Cumulative 10 weeks	10th week	Cumulative 10 weeks	10th week		10th week				10th week	
							Under 20 yr.	20 & over	Total			
1963	1963	1963	1963	1963	1962	1963	1963	1963	1962	1963	1962	
UNITED STATES.....	5	56	8	64	20	29	546	387	992	1,265	13,875	16,502
NEW ENGLAND.....	-	-	1	3	1	1	62	40	106	57	644	2,027
Maine.....	-	-	-	-	-	-	34	15	49	15	18	252
New Hampshire.....	-	-	-	-	-	-	-	4	4	10	3	28
Vermont.....	-	-	-	-	-	-	4	-	4	2	81	12
Massachusetts.....	-	-	1	2	-	-	15	14	33	27	177	942
Rhode Island.....	-	-	-	1	1	1	-	-	-	-	24	82
Connecticut.....	-	-	-	-	-	-	9	7	16	3	341	711
MIDDLE ATLANTIC.....	-	3	-	7	7	3	116	82	198	156	1,081	2,742
New York.....	-	2	-	2	7	2	64	49	113	79	380	1,482
New Jersey.....	-	-	-	1	-	-	14	13	27	32	244	835
Pennsylvania.....	-	1	-	4	-	1	38	20	58	45	457	425
EAST NORTH CENTRAL.....	-	4	1	4	1	2	108	76	188	244	6,449	1,775
Ohio.....	-	-	-	-	-	-	26	19	46	85	731	142
Indiana.....	-	-	1	2	-	-	7	6	13	13	195	215
Illinois.....	-	4	-	2	-	1	33	29	64	44	343	630
Michigan.....	-	-	-	-	1	1	34	20	54	99	1,857	636
Wisconsin.....	-	-	-	-	-	-	8	2	11	3	3,323	152
WEST NORTH CENTRAL.....	4	43	5	21	-	-	23	14	40	85	659	764
Minnesota.....	1	4	4	12	-	-	5	1	8	23	38	17
Iowa.....	2	31	-	1	-	-	4	3	7	31	311	620
Missouri.....	1	2	-	-	-	-	8	4	12	14	104	19
North Dakota.....	-	-	-	-	-	-	-	-	-	5	200	99
South Dakota.....	-	2	1	7	-	-	-	-	-	2	1	9
Nebraska.....	-	2	-	1	-	-	-	2	3	6	5	-
Kansas.....	-	2	-	-	-	-	6	4	10	4	NN	NN
SOUTH ATLANTIC.....	-	-	-	11	2	4	52	31	93	154	1,046	1,173
Delaware.....	-	-	-	-	-	-	3	-	3	1	33	9
Maryland.....	-	-	-	-	-	-	4	4	9	12	27	90
District of Columbia..	-	-	-	-	1	-	-	4	4	-	3	30
Virginia.....	-	-	-	1	-	2	6	5	11	40	301	476
West Virginia.....	-	-	-	-	-	-	11	4	17	29	325	267
North Carolina.....	-	-	-	1	-	-	19	8	27	31	84	14
South Carolina.....	-	-	-	3	-	-	1	-	2	11	74	68
Georgia.....	-	-	-	2	-	-	3	-	3	3	4	2
Florida.....	-	-	-	4	1	2	5	6	17	27	195	217
EAST SOUTH CENTRAL.....	-	1	1	8	-	2	48	30	78	170	644	1,651
Kentucky.....	-	-	-	-	-	-	17	7	24	67	260	395
Tennessee.....	-	-	-	1	-	1	17	5	22	42	266	1,011
Alabama.....	-	1	1	7	-	-	10	13	23	32	106	162
Mississippi.....	-	-	-	-	-	1	4	5	9	29	12	83
WEST SOUTH CENTRAL.....	1	4	-	9	-	5	36	19	56	104	1,016	3,173
Arkansas.....	-	2	-	1	-	4	1	-	1	6	13	60
Louisiana.....	-	-	-	-	-	-	7	7	14	5	4	32
Oklahoma.....	1	2	-	4	-	-	3	2	5	5	4	111
Texas.....	-	-	-	4	-	1	25	10	36	88	995	2,970
MOUNTAIN.....	-	1	-	-	-	3	27	7	71	97	983	777
Montana.....	-	-	-	-	-	1	5	1	7	9	83	267
Idaho.....	-	-	-	-	-	-	-	-	12	16	265	53
Wyoming.....	-	-	-	-	-	1	-	2	2	2	16	2
Colorado.....	-	-	-	-	-	-	4	3	11	24	255	239
New Mexico.....	-	-	-	-	-	-	16	1	17	7	NN	NN
Arizona.....	-	-	-	-	-	1	-	-	20	27	226	92
Utah.....	-	1	-	-	-	-	2	-	2	11	123	106
Nevada.....	-	-	-	-	-	-	-	-	-	1	15	18
PACIFIC.....	-	-	-	1	9	9	74	88	162	198	1,353	2,420
Washington.....	-	-	-	-	2	1	19	14	33	37	203	741
Oregon.....	-	-	-	-	-	-	14	13	27	17	294	417
California.....	-	-	-	1	7	8	40	59	99	113	612	1,225
Alaska.....	-	-	-	-	-	-	1	2	3	30	27	15
Hawaii.....	-	-	-	-	-	-	-	-	-	1	217	22
Puerto Rico.....	-	-	1	3	-	-	8	4	12	32	19	107

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED

MARCH 9, 1963 AND MARCH 10, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rocky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	10th wk.	Cumulative 10 weeks	10th	week				10th wk.	Cumulative 10 weeks	10th week	10th week	Cumulative 10 weeks
	1963	1963	1963	1962	1963	1963	1963	1963	1963	1963	1962	1963
UNITED STATES....	49	558	10,942	9,352	2	-	-	13	59	83	79	606
NEW ENGLAND.....	1	41	1,067	563	-	-	-	-	2	-	-	-
Maine.....	1	9	15	21	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	2	3	-	-	-	-	-	-	-	-
Vermont.....	-	1	52	70	-	-	-	-	-	-	-	-
Massachusetts.....	-	17	133	104	-	-	-	-	2	-	-	-
Rhode Island.....	-	4	94	49	-	-	-	-	-	-	-	-
Connecticut.....	-	10	771	316	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC....	6	76	707	608	-	-	-	-	5	1	2	22
New York.....	2	35	460	380	-	-	-	-	5	1	2	16
New Jersey.....	-	10	134	86	-	-	-	-	-	-	-	-
Pennsylvania.....	4	31	113	142	-	-	-	-	-	-	-	6
EAST NORTH CENTRAL..	9	91	1,545	1,056	-	-	-	1	3	11	16	78
Ohio.....	1	26	259	160	-	-	-	1	1	5	4	30
Indiana.....	-	14	245	159	-	-	-	-	2	-	6	8
Illinois.....	2	14	189	252	-	-	-	-	-	2	2	17
Michigan.....	4	26	442	243	-	-	-	-	-	4	3	17
Wisconsin.....	2	11	410	242	-	-	-	-	-	-	1	6
WEST NORTH CENTRAL..	3	32	351	303	-	-	-	-	2	23	22	145
Minnesota.....	1	6	26	55	-	-	-	-	-	8	4	46
Iowa.....	-	-	102	63	-	-	-	-	1	9	12	44
Missouri.....	1	15	5	24	-	-	-	-	1	4	3	28
North Dakota.....	-	1	107	121	-	-	-	-	-	-	-	2
South Dakota.....	-	2	3	4	-	-	-	-	-	2	3	24
Nebraska.....	1	8	-	-	-	-	-	-	-	-	-	1
Kansas.....	-	-	108	36	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	10	123	905	836	2	-	-	1	14	15	4	113
Delaware.....	-	1	23	8	-	-	-	-	-	-	-	-
Maryland.....	2	20	27	10	-	-	-	-	2	-	-	-
Dist. of Columbia..	1	3	2	-	-	-	-	-	-	-	-	-
Virginia.....	4	30	312	224	-	-	-	-	-	4	3	43
West Virginia.....	1	8	240	192	-	-	-	-	5	7	1	41
North Carolina.....	-	20	71	16	-	-	-	-	3	-	-	4
South Carolina.....	1	10	15	153	-	-	-	-	-	2	-	2
Georgia.....	-	6	2	-	-	-	-	-	1	-	-	1
Florida.....	1	25	213	233	2	-	-	1	3	2	-	22
EAST SOUTH CENTRAL..	5	42	1,788	1,562	-	-	-	-	6	9	15	62
Kentucky.....	2	13	217	219	-	-	-	-	1	1	7	25
Tennessee.....	2	19	1,423	1,199	-	-	-	-	4	8	8	33
Alabama.....	1	7	90	48	-	-	-	-	1	-	-	4
Mississippi.....	-	3	58	96	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL..	7	56	1,040	755	-	-	-	4	12	15	17	112
Arkansas.....	-	4	26	2	-	-	-	1	7	-	2	7
Louisiana.....	3	19	25	3	-	-	-	3	3	2	1	16
Oklahoma.....	2	13	4	30	-	-	-	-	-	-	-	8
Texas.....	2	20	985	720	-	-	-	-	2	13	14	81
MOUNTAIN.....	1	18	2,077	1,735	-	-	-	-	2	-	-	9
Montana.....	-	-	68	76	-	-	-	-	-	-	-	-
Idaho.....	-	-	160	117	-	-	-	-	-	-	-	-
Wyoming.....	1	1	21	155	-	-	-	-	-	-	-	-
Colorado.....	-	3	1,015	782	-	-	-	-	1	-	-	-
New Mexico.....	-	2	439	230	-	-	-	-	1	-	-	4
Arizona.....	-	4	248	186	-	-	-	-	-	-	-	5
Utah.....	-	7	115	188	-	-	-	-	-	-	-	-
Nevada.....	-	1	11	1	-	-	-	-	-	-	-	-
PACIFIC.....	7	79	1,462	1,934	-	-	-	7	13	9	3	65
Washington.....	1	7	449	810	-	-	-	-	-	-	-	-
Oregon.....	-	3	19	38	-	-	-	-	1	-	-	1
California.....	6	65	880	954	-	-	-	7	12	9	3	64
Alaska.....	-	4	95	103	-	-	-	-	-	-	-	-
Hawaii.....	-	-	19	29	-	-	-	-	-	-	-	-
Puerto Rico.....	-	-	4	3	7	-	-	1	3	-	2	1

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Table 4 (B). REPORTED PNEUMONIA-INFLUENZA DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)^o

Area	For weeks ending				Area	For weeks ending			
	2/16	2/23	3/2	3/9		2/16	2/23	3/2	3/9
NEW ENGLAND:					SOUTH ATLANTIC:				
Boston, Mass.....	3	18	28	23	Atlanta, Ga.....	10	8	28	20
Bridgeport, Conn.....	5	4	14	7	Baltimore, Md.....	31	20	9	14
Cambridge, Mass.....	0	0	0	0	Charlotte, N.C.....	4	8	11	7
Fall River, Mass.....	0	4	6	9	Jacksonville, Fla.....	3	4	6	5
Hartford, Conn.....	4	6	5	7	Miami, Fla.....	2	4	2	3
Lowell, Mass.....	0	1	2	2	Norfolk, Va.....	10	19	15	21
Lynn, Mass.....	3	1	9	6	Richmond, Va.....	22	16	13	9
New Bedford, Mass.....	4	5	1	6	Savannah, Ga.....	3	2	6	4
New Haven, Conn.....	2	4	4	6	St. Petersburg, Fla.....	7	6	7	6
Providence, R.I.....	3	4	9	7	Tampa, Fla.....	1	1	2	2
Somerville, Mass.....	0	0	5	4	Washington, D.C.....	23	19	15	12
Springfield, Mass.....	6	4	7	2	Wilmington, Del.....	9	4	8	8
Waterbury, Conn.....	1	1	2	1					
Worcester, Mass.....	4	4	9	12	EAST SOUTH CENTRAL:				
MIDDLE ATLANTIC:					Birmingham, Ala.....	1	2	7	11
Albany, N.Y.....	4	0	1	3	Chattanooga, Tenn.....	6	3	5	11
Allentown, Pa.....	0	1	5	4	Knoxville, Tenn.....	4	1	2	4
Buffalo, N.Y.....	11	12	8	18	Louisville, Ky.....	16	18	18	40
Camden, N.J.....	4	5	4	4	Memphis, Tenn.....	1	10	9	23
Elizabeth, N.J.....	1	7	4	1	Mobile, Ala.....	1	2	4	2
Erie, Pa.....	4	4	7	4	Montgomery, Ala.....	1	6	14	10
Jersey City, N.J.....	3	5	13	11	Nashville, Tenn.....	2	4	8	16
Newark, N.J.....	8	10	14	4	WEST SOUTH CENTRAL:				
New York City, N.Y.....	171	126	126	101	Austin, Tex.....	4	3	4	9
Paterson, N.J.....	4	4	7	3	Baton Rouge, La.....	2	1	2	3
Philadelphia, Pa.....	17	56	53	53	Corpus Christi, Tex.....	1	0	3	2
Pittsburgh, Pa.....	5	9	12	32	Dallas, Tex.....	5	3	6	10
Reading, Pa.....	0	2	7	6	El Paso, Tex.....	0	2	2	4
Rochester, N.Y.....	21	14	16	19	Fort Worth, Tex.....	4	2	2	9
Schenectady, N.Y.....	1	0	0	1	Houston, Tex.....	2	8	11	7
Scranton, Pa.....	3	5	15	4	Little Rock, Ark.....	14	7	12	11
Syracuse, N.Y.....	4	2	2	4	New Orleans, La.....	4	6	11	29
Trenton, N.J.....	9	11	8	15	Oklahoma City, Okla.....	2	3	9	6
Utica, N.Y.....	3	1	3	2	San Antonio, Tex.....	5	5	11	9
Yonkers, N.Y.....	4	2	3	2	Shreveport, La.....	6	5	6	9
EAST NORTH CENTRAL:					Tulsa, Okla.....	6	7	5	9
Akron, Ohio.....	4	1	4	5	MOUNTAIN:				
Canton, Ohio.....	5	4	16	13	Albuquerque, N. Mex.....	0	6	2	7
Chicago, Ill.....	54	53	92	78	Colorado Springs, Colo.....	1	2	3	2
Cincinnati, Ohio.....	8	13	23	21	Denver, Colo.....	11	12	6	12
Cleveland, Ohio.....	4	8	12	14	Ogden, Utah.....	3	1	3	0
Columbus, Ohio.....	8	2	7	5	Phoenix, Ariz.....	2	4	3	5
Dayton, Ohio.....	7	6	5	12	Pueblo, Colo.....	0	0	0	0
Detroit, Mich.....	17	28	49	39	Salt Lake City, Utah.....	0	2	3	1
Evansville, Ind.....	2	9	7	12	Tucson, Ariz.....	0	1	4	0
Flint, Mich.....	2	3	1	8	PACIFIC:				
Fort Wayne, Ind.....	3	5	7	6	Berkeley, Calif.....	0	1	1	0
Gary, Ind.....	0	4	8	10	Fresno, Calif.....	2	2	0	2
Grand Rapids, Mich.....	3	4	5	7	Glendale, Calif.....	1	0	0	1
Indianapolis, Ind.....	4	7	17	25	Honolulu, Hawaii.....	0	3	3	1
Madison, Wis.....	2	1	2	0	Long Beach, Calif.....	3	2	1	1
Milwaukee, Wis.....	3	10	9	9	Los Angeles, Calif.....	21	17	26	18
Peoria, Ill.....	2	0	0	3	Oakland, Calif.....	4	2	1	1
Rockford, Ill.....	6	3	8	7	Pasadena, Calif.....	1	2	0	2
South Bend, Ind.....	0	2	1	3	Portland, Oreg.....	6	2	7	3
Toledo, Ohio.....	5	2	7	3	Sacramento, Calif.....	1	4	3	1
Youngstown, Ohio.....	1	2	4	3	San Diego, Calif.....	3	5	3	2
WEST NORTH CENTRAL:					San Francisco, Calif.....	6	2	3	3
Des Moines, Iowa.....	0	3	5	2	San Jose, Calif.....	6	6	9	5
Duluth, Minn.....	1	0	0	0	Seattle, Wash.....	8	3	4	8
Kansas City, Kans.....	9	4	9	3	Spokane, Wash.....	1	0	2	0
Kansas City, Mo.....	11	11	21	10	Tacoma, Wash.....	0	1	1	1
Lincoln, Nebr.....	2	1	7	0					
Minneapolis, Minn.....	3	7	7	6	San Juan, P.R.....	2	3	1	0
Omaha, Nebr.....	2	3	4	5					
St. Louis, Mo.....	12	10	19	37					
St. Paul, Minn.....	1	2	3	4					
Wichita, Kans.....	9	5	3	3					

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

^oCurrent Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages.....	14,625
4(B) Pneumonia-Influenza Deaths, all ages.....	1,102
4(C) Total Deaths under 1 Year of Age.....	870
4(D) Total Deaths, Persons 65 years and over.....	8,369



pared to a total of about 18,200 for the previous week. Total number of counties reporting one or more outbreaks also decreased this week — from 16 to 10. Outbreaks thus far have been clustered in two major areas; one in the southeastern corner of the State and a second in the Panhandle. Single A₂ virus isolates have been obtained in each of three counties to date. Outbreaks of influenza-like illness have been reported from only one of these areas, however, (Travis County), the other isolates having been obtained from sporadic cases.

(Reported by Dr. Van C. Tipton, Director, Communicable Disease Division, Texas State Department of Health).

West Virginia — Laboratory confirmation of influenza A₂ infection has been obtained for two cases seen during recent outbreaks in Kanawha County. Twenty-five of the State's 55 counties have reported one or more outbreaks thus far. Laboratory studies on specimens from other areas are currently under way.

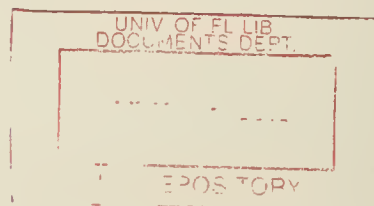
(Reported by Dr. L. A. Dickerson, Director, Disease Control, West Virginia State Health Department).

INTERNATIONAL NOTES — QUARANTINE MEASURES

Designated Yellow Fever Vaccination Center

The Dulles International Airport Yellow Fever Vaccination Center, Herndon Medical Center Annex, Dulles International Airport, Chantilly, Virginia, has been designated as a Yellow Fever Vaccination Center. The total number of centers remain as 176; of these, 117 are open to the public and listed in section 6 of the booklet "Immunization Information for International Travel."

The new center has indicated that they will serve the public instead of a "specific employee group" as mentioned in a previous report.



PLAGUE INFECTION IN DOMESTIC RAT — SAN FRANCISCO

A dead domestic rat (*rattus rattus alexandrinus*) found in a residential area in San Francisco on February 23 was found on laboratory examination to be infected with plague bacilli.

The rat was found in the yard of a residence approximately three blocks south of the yacht harbor, about two miles distant from the commercial dock area. The rat was taken to the Public Health Service Hospital and subsequently examined at the Communicable Disease Center Plague Laboratory in San Francisco. Initial autopsy of the rat revealed no gross pathology. However, inoculated guinea pigs revealed definite gross lesions of plague. Presence of the organism was confirmed by culture, serologic evidence, complement fixation and phage typing.

Preliminary observations reveal no gross evidence of an epizootic in the area. Forty sanitarians from the San Francisco County Health Department have begun an intensive program of investigation and rat trapping in a twelve block area proximal to the site where the dead rat was found. For administrative purposes, this has been designated as the "local infected area".

Although the site in question is not contiguous to international traffic facilities, the Division of Foreign Quarantine is taking more stringent measures to protect shipping.

(Reported by Dr. Ellis Sox, Director of Public Health, San Francisco County Health Department; Dr. Henry Renteln, California State Department of Public Health and The Communicable Disease Center Plague Laboratory).

Official Business

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